

**AI TAKAMUL COMPANY FOR ENGINEERING TESTS
AND PROFESSIONAL SAFETY LIMITED**
Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	HALLIBURTON (HCT)				Report No:	QC-25-01-HCT-001C				
Location:	HALLIBURTON HCT WORKSHOP				Job Number:	2012025				
Inspection Date:	Thursday, January 2, 2025				Next Inspection Date:	Tuesday, July 1, 2025				
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION				STANDARD:	DS-1 VOLUME-4 FIFTH EDITION CLASS A1				
	PARTS				HCT Refrance Standard	MAN-GL-HAL-HCT-900 REV NO.6.6				
	1	MIDDLE CHAMBER								UNIT DESCRIPTION:
	SAP: 102372619, B4366157-3									
	2	VALVE ASSEMBLY								
	SAP: 102161756, B438876									
	3	VALVE WITH 4.00 AND 2.00 PORTS								
	SAP: 102161761, B4358903-1									
	4	LOWER VALVE INSERT SEAL								
	SAP: 102161762, B4376862-2									
	5	UPPER INSERT SEAL			INSPECTION RESULT :	VISUAL & MAGNETIC PARTICLE INSPECTION (M.P.I.) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION				
SAP :102161764, B45359812-1										
6	STOP PIN INDICATOR			VISUAL , THOROUGH EXAMINATION	Thread & Available critical areas inspected and found free from cracks and other defects					
SAP: 101669508										
7	VALVE MOUNTING PLATE OVER			MAGNETIC PARTICLE INSPECTION	THE ABOVE INSPECTED AREAS WAS ACCEPTED					
SAP: 102161765										
8	VALVE INDICATOR NUT			FINAL RESULTS		COMMENT:				
SAP: 102161766, B437745										
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast ,(MPI Wet Flourocent inspection Thread & Body With UltraViolet Light)										

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY		
EQUIPMENT :	AC/DC HAND Yoke	EQUIPMENT :	Shooting Coil DC	EQUIPMENT :	UV BLACK LIGHT: 3170 µw/cm²	INSPECTOR NAME: M.Shahzad Ahmed		SENIOR INSPECTOR:	NAVEED HUSSAIN	
S.NO:	201504052	S.NO:	22650	S.NO:	1898977			QUALIFICATION: ASNT LEVEL II MT & PT & VT	SUPERVISOR:	HANI ALI
Cal Due Date:	11.APRIL.2025	Cal Due Date:	12.APRIL.2025	Cal Due Date:	11.APRIL.2025			STAMP & SIGNATURE:	CLIENT:	
FLUORESCENT 14HF		Magnaflux	Batch No:	220306	EXPIRE DATE:	MARCH,2025				
Whie Contrast Paint Manufacture:		Magnaflux	Batch No:	220602	EXPIRE DATE:	JUN,2025				
Digital Lux Meter WHITE LIGHT INTENSITY:		TECHNICAL DETAILS			Black Magnetic Ink Manufacture:7HF					
3630 Lux/S.NO:2722003		Wet FLUORESCENT Particle Concentration 14 HF		0.1 to 0.4 ml/100 ml		Batch No:220605				
Cal Due Date:13.APRIL.2025		Black Magnetic Ink Concentration 7 HF		1.2 to 2.4 ml/100 ml		EXPIRE DATE:		Jul-25		

Original - Client Files Copy - Area Office QC/FN/MPI/065 Rev.00 DATED 07 NOV 2021